ANNUAL REPORT

2016







The Roanoke Fire-EMS Department exists to protect and preserve the lives and property of residents and visitors of the City of Roanoke from damage or loss due to fire, medical emergencies, environmental hazards, and traumatic accidents.

TABLE OF CONTENTS

Values	pg. 3
Letter from the Chief	pg. 4
Year in Review	pg. 5
Incident/Apparatus Summary	pg. 6
Significant Incidents	pg. 8
Department News	pg. 9
GTO Program	pg. 12
Grants, Awards, & Recognitions	pg. 13
Public Education	pg. 14
Roanoke Regional Training Center	pg. 15
Emergency Management	pg. 16
Fire Marshal's Office	pg. 17
New Hires	pg. 18
Promotions & Retirements	pg. 19
Personnel	pg. 20
Organizational Chart	pg. 24
Stations	pg. 25
In Loving Memory	pg. 26
Year in Pictures	pg. 27

VALUES, LEADERSHIP

VALUES

The Roanoke Fire-EMS Department will:

- Work to prevent emergencies from occurring through fire code enforcement, investigation, and public education
- Ensure our work environment enhances the potential and contribution of all employees by promoting inclusion, equality and respect
- Strive to be the recognized leader in Fire-EMS in the Commonwealth of Virginia and the United States
- Be the department of choice for our employees to work and achieve professional development
- Develop innovative training techniques and a research and development program for all aspects of Emergency Service delivery
- Be recognized as a resource of chief officers for other departments through superior officer training and development

LEADERSHIP PHILOSOPHY

We are a team of dedicated, hard-working individuals whose purpose is to display and practice professionalism. We trust, train, empower, and hold each other accountable to accomplish our mission.

CORE VALUES

The employees of the department are our most valuable resource. Only through them will our mission be accomplished.

The residents and visitors of Roanoke are our customers. We will constantly strive to provide them with the highest quality of service possible. We will consider every contact with them as an opportunity to demonstrate our mission and values.

Employee and customer safety will affect our approach to the services we provide. We uphold a philosophy of participative management that involves employees in issues that affect them, encourages open dialogue, teamwork, trust, and the sharing of ideas among employees and management.

We will maintain department integrity and longevity through fiscally sound and proactive planning and budgeting.

Through research and development, visioning, and creativity, we will constantly strive for better ways to fulfill our mission in services to our customers.

We will promote the attributes of leadership, service, pride and respect in a secure, diverse workplace.

FROM THE CHIEF



I've learned that people will forget what you said, people will forget what you did, but people will never forget how you made them feel. –Maya Angelou



The Roanoke Fire-EMS Department exists to protect and preserve the lives and property of residents and visitors of the City of Roanoke from damage or loss due to fire, medical emergency, environmental hazards and traumatic accidents. For us to be successful in our mission, each department member must believe and embrace our purpose.

The department had a challenging year experiencing a 6.5% growth in demand for service with the department answering over 27,000 calls. Almost 6% of the demand growth was EMS related with a 1,500 incident increase in transports. Even with this substantial growth in demand, the department was able to meet all primary performance indicators with a slight negative trend in EMS.

In addition, the department, as always, did an outstanding job with community outreach, participating in Guns and Hoses hockey, Growth Through Opportunity (GTO) and many other community activities and programs. Making a difference in our community one person at a time demonstrates this department's values and the character of our employees. Roanoke Fire-EMS community outreach plays a vital role in keeping our community safe and healthy.

In 2016, Roanoke Fire-EMS lost one of our own, retired Deputy Chief Jeff Beckner. Please continue to keep Julie, Zac and Kara in your prayers.

I am very proud to present this annual report and be the Chief of Roanoke Fire-EMS, I am looking forward to 2017.

In the Service,

bund Holack

David Hoback, Chief





2016 ACCOMPLISHMENTS

- 1. Continued the growth of a diverse and inclusive workforce through enhanced recruitment initiatives and officer development opportunities.
- 2. Became eligible for re-accreditation through the Center for Public Safety Excellence.
- 3. Updated the department's Pre-Fire Planning program.
- 4. Implemented Target Solutions as the department's standard for managing and tracking departmental training and related activities.
- 5. Hosted Rescue Challenge 2016.
- 6. Completed the regional training center Capital Improvement Program (CIP) concept drawings to address future growth of regional training partnerships.
- 7. Completed and graduated Recruit Schools 19 & 20.
- 8. Hosted the Second Annual Sound the Alarm Summit.
- 9. Emergency Management: Adopted a Business Continuity of Operation Citywide plan, developed and conducted an active shooter training and exercise, conducted regional business continuity training, & developed a municipal volunteer emergency management program.

INCIDENT/ APPARATUS RESPONSE SUMMARY



Land Area: 43 square miles Population: 99,977 Stations: 11

> PERSONNEL Uniformed: 241 Civilian: 43 Total: 284

*Civilians include Part-time personnel

Fire Related Deaths: 2
Fire Related Injuries (Civilian): 11
Fire Related Injuries (Firefighters): 11
Total Fire Loss: \$3,476,562

*A "working fire" is the designation given to fire calls when the arriving officer sees smoke or flames coming from the structure. By notifying radio control of the "working fire", additional resources are dispatched to the scene.

Incident Type	2016
2nd Alarm Fire	6
Fire Alarm	1,403
Airport Alerts	16
ALS-Life Threatening	13,179
ALS-Critical	1,476
Bio-Chemical Hazard	1
BLS-Non-life Threatening	7,510
Brush/Grass Fire	111
Car/Vehicle Fire	104
CO Alarm-With Patients	18
CO Alarm-Without Patients	57
Structural Collapse	15
Below Ground Rescue	1
Elevator Rescue	42
Explosion-Structure	1
Structure Fire	720
Bomb Threat	5
Flooding-Life Threat	1
Flooding-No Hazard	39
Motor Vehicle Accident-Minor Injuries	1,276
Motor Vehicle Accident-Serious Injury	256
Motor Vehicle Accident-Property	334
Public Service-Fire	288
Standby-Fire	2
Hazardous Material	10
Chemical Spill	28
Gas Leak	57
Brush Fire	39
Unknown Odor/Smoke	121
Water Rescue Situation	21
Trash/Dumpster Fire	44
Working Fire*	74
Downed Wires	232
Other Calls	325
TOTAL CALLS	27, 812

Apparatus	Total	Day Avg.
ENGINE		
Engine 1	1,683	4.61
Engine 2	1,711	4.69
Engine 3	1,582	4.33
Engine 4	1,076	2.95
Engine 5	1,647	4.51
Engine 6	1,257	3.44
Engine 8	1,200	3.29
Engine 11	865	2.37
Engine 13	1,579	4.33
Engine 14	969	2.65
LADDER		
Ladder 1	1,109	3.04
Ladder 2	912	2.50
Ladder 5	946	2.59
Ladder 7	1,161	3.18
MEDIC		
Medic 1	2,559	7.01
Medic 2	2,719	7.45
Medic 3	2,722	7.46
Medic 4	2,540	6.96
Medic 5	2,932	8.03
Medic 6	3,027	8.29

Apparatus	Total	Day Avg.
Medic 7	2,214	6.07
Medic 8	2,068	5.67
Medic 101	1,872	5.13
Medic 102	2,129	5.83
Medic 151	248	.68
Medic 152	17	.05
Medic 153	16	.04
Medic 901	1	.002
Medic 902	6	.02
Medic 903	9	.02
OTHER		
BC 1	1,030	2.82
BC 2	1,127	3.09
RS1	2,037	5.58
R151	162	.44
R152	9	.02
R901	6	.02
R903	7	.02
HTR6	25	.07
HZ1	18	.05
INV1	99	.27
FM1/FM2/FM3	39	.11





DEPLOYMENT TO APPOMATTOX

In February, Roanoke Fire-EMS came to the aid of our Appomattox neighbors after devastating tornadoes ripped through the area. For three days we sent a hazardous materials team to the area to monitor the air quality during cleanup and search and rescue activities.

LIBERTY ROAD FIRE

Firefighters responded to a fire on June 25th around 2:45am in the 2500 block of Liberty Rd., Liberty Pines Apartments. The fire was found in an electrical outlet that extended into the walls. The fire was under control at approximately 3:24am. The American Red Cross assisted approximately 10-15 people that were displaced. No injuries reported. Damage estimates are approximately \$105,000.

DEPLOYMENT TO COVINGTON

In June, our HAZMAT Team also deployed to Covington to help those affected by intense flooding that washed away homes and roads.

FIREFIGHTERS RESPOND TO SECOND ALARM FIRE CAUSED BY LIGHTNING STRIKE

On July 12th, 2016, crews responded to the 3900 block of Bosworth Dr. for a house fire that escalated into a second alarm. The house sustained heavy fire, smoke and water damage. One resident was home when the fire started. He escaped with his two dogs. Two adults were displaced and one firefighter was injured on scene when he fell through an elevator shaft. He was transported to Carilion Roanoke Memorial Hospital where he was treated and released. The fire did over \$400,000 in damages and was caused by a lightning strike.

RESERVE AVENUE FIRE

In the early morning hours of Sunday, October 23rd, firefighters battled a 2nd alarm blaze on Reserve Ave. in Roanoke. The building that burned was owned by Carilion Clinic and has since been demolished. No one was injured and the cause is under investigation by the Roanoke Fire Marshal's Office and the Roanoke Police Department.

DEPARTMENT NEWS

ROANOKE, VA JANUARY-DECEMBER 2016

CANCER AWARENESS INITIATIVE

Firefighters have an inherently dangerous job, but we are finding that many firefighters don't die in house fires but from cancer. In 2016, Roanoke Fire-EMS made new strides in helping our firefighters lower their risk of getting cancer. A committee was formed and chaired by Battalion Chief Matt Dewhirst. They came up with many new ways to help educate our department on things that could be done to lessen the risk of contracting cancer. A presentation and video were produced to help spread the word to the department. Buckets with decontamination equipment were placed on each piece of apparatus. Hazardous content extractors were installed in some of our stations to help wash turnout gear and a new standard operating guideline was put into place.

14th ANNUAL GUNS AND HOSES GAME



FOOD LION VISITS OUR KITCHEN

On June 16th, Stations 6 and 11 were treated to a gourmet dinner prepared by two professional chefs thanks to Food Lion's "Random Acts of Freshness" program. Thank you to the Bennington Food Lion manager C.C. Glass for nominating us! It was delicious!

COOP TRAINING

In 2015, Advance Auto Parts had a devastating fire at their Store Support Center on Airport Rd. They were able to get back up and operational within hours because they had a continuity of operations plan in place. These types of plans help a business continue to operate during and immediately after a catastrophe so they can get back to "business as usual" as soon as possible. Thanks to a generous grant from Advance Auto Parts, the City of Roanoke and Office of Emergency Management hosted a Continuity of Operations Planning Seminar for local businesses. We had over 40 in attendance and ended the day with a brief active shooter training that focused on "Run, Hide, Fight". This plan was put into place by Freight Car America in the fall after they had a former employee open fire in one of their buildings. They credited this seminar with helping them know what to do and how to account for their personnel. We hope to continue this event in the future. Remember – always have a plan!

9/11 MEMORIAL STAIR CLIMB

RAISED \$20,000+ FOR THE CAUSE



On Saturday, September 10th, Roanoke Fire-EMS hosted the 2nd Annual 9/11 Memorial Stair Climb at the Wells Fargo Tower. Over 300 people climbed to remember those that we lost on 9/11. Over \$20,000 was raised for the National Fallen Firefighters Foundation. The individual contributions not only remembers the sacrifice of an FDNY brother or sister, but symbolically completes their heroic journey to save others. The Stair Climb benefits the FDNY CSU and the programs provided by the NFFF to support the families of our nation's fallen firefighters. Many thanks to our sponsors and to Mission BBQ for feeding the climbers and to Soaring Ridge Craft Brewers for hosting an after party event.

Save the Date: 3rd Annual 9/11 Memorial Stair Climb- 9/9/17

RESCUE CHALLENGE



During the week of May 2nd, you might have noticed some strange activity near the Mill Mountain Star. Your eyes weren't deceiving you – you were witnessing a high angle rope "rescue" that was 1 of 8 scenarios that participants of the annual Rescue Challenge event had to tackle. Rescue Challenge is a technical rescue event that takes place each year in different cities and towns across the Commonwealth. In 2016, 10 teams from around the state and beyond (Michigan and New Jersey) visited the Roanoke Valley to try their hand at rope rescues, vehicle extrication, large animal rescue, cave rescues, and much more. A great time was had by all and the weather cooperated for three out of the four days. George Takei (from Star Trek) even stopped by to check out the training while he visited Roanoke.

NATIONAL NIGHT OUT

On August 2nd, Roanoke Fire-EMS visited 12 community events to help celebrate National Night Out! National Night Out is a time for neighborhoods and public safety to come together to help keep our community safe! The festivities included BBQ's, block parties, a fish fry, and much more. Firefighters were able to talk with neighborhood members in their surrounding community their station serves as well as break out a few dance moves.



CUTS FOR KALI, HURD STRONG!

On Sunday, July 23rd, Ekskluziv Salon stylists donated their time to help one of our own. Twenty-four year old Firefighter Kali Hurd has been diagnosed with Stage 4 Colon Cancer. Former Roanoke Fire-EMS Firefighter Antonio Morris (who is now a stylist at the salon) couldn't sit by without helping out his fellow firefighter! He, along with other stylists, held Cuts for Kali and ended up doing 54 hair cuts and raised \$1489 in 5 hours! All of the funds raised will go to Kali to help her with medical expenses! On July 23rd, Roanoke County and Roanoke Fire-EMS raised approximately \$13,000 for Kali in donations with a breakfast and a charity motorcycle ride. Then in August, Jack Brown's helped Kali as well by donating proceeds from their sales to help cover her medical bills. Thanks to everyone for all of the love that you have shown to our sister! We have your back Kali! #HURDSTRONG



VIRGINIA CHIEF OFFICERS ACADEMY

Congratulations to Captain Toby Bedwell and Battalion Chief Robert Perdue, graduates of the first Virginia Chief Officers Academy. The Virginia Chief Officer Academy (VCOA), hosted by the Virginia Fire Chiefs Association(VFCA), was a 6-day on-campus resident program geared towards the first level of chief officers within a department. The focus was to provide a developmental opportunity for those recently promoted to, or with the potential to be promoted to, the ranks of Battalion Chief, Division Chief, District Chief, etc.

In June, three of our staff attended the annual Virginia Fire Officers Academy. This week long course teaches leadership skills along with team building. Lt. Drew Abel, Lt. Aaron Murray and Firefighter Tyrone Harrington attended the event held at the University of Richmond.



3rd ANNUAL FILL THE BOOT DRIVE

RAISED \$15,000 FOR MDA

Each year Roanoke Fire-EMS helps to support the Muscular Dystrophy Association (MDA) raise money. For the past three years, we have participated in a "Fill the Boot" drive at Grand Home Furnishings located at Valley View Mall. Delicious BBQ Pork dinners are sold at the location with proceeds benefitting the MDA. Firefighters also volunteer their time to fill the boot. All of the money raised stays in the Roanoke area and has been used to fund our local MDA clinic and to send MDA kids to camp. Much needed medical supplies have also been purchased with these funds for kids in need. To date we have raised over \$15,000!



DEPARTMENT NEWS | Pg. 11



THE GTO PROGRAM & A NEW FACE FOR MEDIC 5

Roanoke Fire-EMS was happy to host Roanoke Police Department's Growth Through Opportunity (GTO) Program at our stations again this year! The GTO Program empowers individuals with varying neurodevelopmental disabilities. GTO Cadets, managed by job coaches, have started volunteering at Roanoke Fire-EMS stations 1 and 5. They are developing valuable life, social, and job skills so they can become employable in the workforce. While visiting with our firefighters the cadets learn about cleaning, shopping, cooking meals, laundry, etc. they even got to ride on the firetruck with Santa! This year we also revealed a new face for Medic 5. Our truck is decorated in puzzle pieces and the GTO badge to bring awareness to the program and the impact this program will have on future cadets. For more information visit their facebook page, facebook.com/GTOcadets.













Pg. 12

GRANTS, AWARDS & RECOGNITIONS



Award	Recipient
VEMA- Addison E. Slayton, Jr. Scholarship	Lt. Trevor Shannon
VEMA- Clarence P. "Pete" Rea Jr. Group Achievement Award	Battalion Chief Marci Stone
Red Cross Firefighter Hero Award	Kelly Waskewicz
American Red Cross "Good Neighbor Award"	Roanoke Emergency Management
Kiwanis Club Award	Captain Brian Conner
Chief Fire Officer Designation from the CPSE	Battalion Chief Matt Dewhirst

Amount	What will it be used for?
\$69,400	Equipment & Training- Regional
\$75,000	Equipment & Training- Regional
\$44,000	Equipping local shelters with generators
\$53,387	Helps offset Emergency Management budget
\$10,000	
\$2,837+	Firefighters Benevolent Fund/ CO Alarms
\$314,881	Firefighter equipment, training
\$125,758	EMS
\$82,492	EMS
	\$69,400 \$75,000 \$44,000 \$53,387 \$10,000 \$2,837+ \$314,881 \$125,758

2016 RECOGNITION CEREMONY

On Tuesday, April 26th, the 2nd Annual Fire-EMS Recognition Ceremony was held at the Holiday Inn on Ordway Dr. Over 110 people were in attendance and awards were given for years of service, Chiefs Award, meritorious conduct and recent retirees were also honored. Firefighter Jesse Clingenpeel's family was also honored by Sen. John Edwards & Del. Sam Rasoul. They were presented with a proclamation that honored Jesse's life and dedication to not only the City of Roanoke but to his Country. We miss you, Jesse! Many thanks to our dignitaries that attended: Sen. Edwards, Del. Rasoul, Ms. Anita Price, Chris Morrill & Sherman Stovall.

PUBLIC =









Public Education is another tool in reducing community risk throughout our valley. During the month of October, which is Fire Prevention Month, we were able to share fire safety with more than 3,000 people. Community Risk Reduction Specialist, Tiffany Bradbury, and her team also attended many special events throughout the year to spread safety tips. Highlights include; Go Fest, Sound the Alarm Summit, 12th Annual Art Contest, two Red Cross community canvassing events, Seat Check Saturday, Car Seat Technician Class, & the Shaken Baby Prevention Campaign.

Type Event	#
Fire Safety Puppet Shows	22 events
Fire Safety House	20 events
Station Tours	45 events
Firetruck Visits	86 events
Carseat Checks	13 events
Meals on Wheels	33 times
Safety Talks	12 events
Specialty Events	9 events
* Specialty Events include Sound the	
Alarm Summit, 9/11 Stair Climb, etc.	
ESTIMATED TOTAL HRS	317.5 hrs

SMOKE ALARM DISTRIBUTION

180 smoke alarms were distributed to our community! 44 of those alarms were combination carbon monoxide/smoke alarms purchased with generous funds from Mission BBQ.

MEDIA INTERVIEWS

Numerous media interviews were also conducted to educate our community. Some of the topics discussed include, fire prevention, car seat safety, cold weather safety, promotion of public education events, safe sleep for babies and prevention of abusive head trauma.

For more information on scheduling a Station Tour, Event, etc., please contact Tiffany Bradbury at (540) 853-5785 or Tiffany.Bradbury@roanokeva.gov.

ROANOKE REGIONAL TRAINING CENTER

The Roanoke Valley Regional Fire-EMS Training Center is used to train personnel from Roanoke Fire-EMS, Roanoke County Fire and Rescue, and Salem Fire-EMS. The facility is staffed by personnel from the three departments. A variety of training is conducted at this facility, from the Roanoke Regional Fire-EMS Academy to continuing education for both fire and Emergency Medical Services.

ACTS OF VIOLENCE TRAINING

After identifying Acts of Violence as a vulnerability in the 2016 Hazard Vulnerability Assessment a committee of fire-EMS and police personnel worked to develop integrated training for Active Shooter situations. A four hour training session was conducted for each firefighter, police officer and emergency dispatcher covering the basic skills on how to respond and quickly interact with victims of an active shooting. This training will allow first responders to get to victims in a more timely fashion allowing for a better chance of survival.

TWO RECRUIT SCHOOLS, ONE YEAR

The Roanoke Regional Training Center held two Recruit Academies: Recruit School #19 & #20. Recruit School #19 graduated in May and Recruit School #20 graduated in December.

Type of Training	Hours
*Driver Training	12 hours
*Facility Training	18 hours
*HazMat Training	6 hours
*Company Training	192 hours
Officer Training	12 hours

*Required for every uniformed personnel.

Those without a (*) are required for personnel who hold the rank of a Roanoke Fire-EMS Officer (1st Lieutenant, Lieutenant, Captain, etc.)

ISO TRAINING HOURS

Roanoke Fire-EMS is required to meet certain standards of training to satisfy our Class 1 ISO rating. The table above provides an overview of the hour based training every firefighter is required to meet each year. This training ensures that everyone is up to Class 1 ISO rating standards.





EMERGENCY MANAGEMENT

INCIDENTS OF SIGNIFICANCE

2016 was another busy year for Emergency Management. Several of the vulnerabilities that community members identified as risk in the Hazard Vulnerability Assessment (HVA) conducted in January 2016 became true emergency situations during the calendar year. Emergency management responded to incidents involving power disruptions, flooding, hazardous materials, and acts of violence.

In May, over 300 people were evacuated from a commercial building on Jefferson Street following an underground power supply issue which resulted in smoke entering the building and the loss of power. Emergency Management assisted in the evacuation, transportation and temporary sheltering of the occupants as well as coordinating the feeding and rehabilitation station for emergency response personnel that were on site.

Flooding became an issue for areas in downtown, resulting in several responses for swift water rescue and reports of property damage. Traditionally, we have not seen significant flooding in the downtown area, however, with a few storms that concentrated over downtown and unleashed heavy downpours in short periods of time, businesses and motorist found themselves largely unprepared. This resulted in Emergency Management delivering preparedness messages about potential flooding risk to downtown business and residents and working on mitigation efforts.

In October, the Patrick Henry High School gymnasium became an evacuation shelter for residents displaced by a gasoline leak from an underground storage tank. Vapor levels in the area around the Pure Gas Station in the 2300 block of Grandin Road reached limits that were immediately dangerous to life and health which prompted 25 homes in the area to be evacuated for about 12 hours.

Over the last couple of years, members of both fire-EMS and police have been working to develop a plan for responding to acts of violence. In 2016, members of the Acts of Violence training cadre traveled to several departments that have successfully adopted joint policies and training programs to witness first-hand how they operate and to participate in training and exercises. Through research and these experiences the cadre was able to develop a policy, acquire equipment and implement training that proved valuable during the Freight Car America shooting on October 25. Many lessons were learned from the incident and the team continues to work in 2017 to insure all responders are prepared for this worst case scenario.

To end out 2016, Carilion's Community Hospital was evacuated due to a fuel spill near the hospital's boiler equipment. Emergency Management aided Incident Command in providing shelter for employees that were evacuated as well as coordinating with hospital officials to share information at the command post.

REGIONAL PARTNERSHIPS

Ready Roanoke Valley was formed to help spread the emergency preparedness message across the region. The emergency management message is not isolated to the City of Roanoke, therefore, we partnered with Roanoke County, Salem, Botetourt, Craig, Vinton and the Red Cross to help spread the message about vulnerabilities, mitigation efforts, preparedness activities and what to expect in a response. The campaign has its own Facebook page and localities take turns with local media sharing our message.

The Southwest Virginia Incident Management Team was organized in 2016 following several years of planning. The team is made up of regional emergency responders throughout Virginia Department of Emergency Management's Region 6. Training has begun to ensure all participants are fully ready for regional deployments

OTHER INCENTIVES

- Incident Action Plan development for Rescue Challenge, Blue Ridge Marathon, Mikro Half-Marathon, and more
- Evacuation Planning for Downtown including identifying routes and means of evacuation in a quick manner
- City of Roanoke, Internal Emergency Plan revisions, training and videos
- Carilion Regional Pediatric Workshop, panel presentation
- Re-certified the City of Roanoke as a Storm Ready Community with the National Weather Service
- Conducted Shelter training with Social Services and with Animal Shelter personnel
- Participated in regional exercises for dam breaks and flood inundation
- Participated in two drills conducted by Carilion
- Sound the Alarm, presentation
- Participated in Marine/Navy center drill

FIRE MARSHAL'S OFFICE

INSPECTIONS

Fire safety inspections are conducted pursuant to authority granted in the code of Virginia. The City of Roanoke adopted the "Virginia Statewide Fire Prevention Code" in the early 1990's. The City of Roanoke Fire Marshal and Sworn Assistant are granted local authority to enforce the provisions of the fire prevention code to include local amendments within the City of Roanoke in accordance with § 17-97 of the code of Virginia.

The goal of the Fire Marshal's Office is to ensure public safety through compliance with various fire safety regulations. The most common hazards noted during regular fire safety inspections included blocked exits, overcrowding, storage quantity and height, improper use of extension cords and non-working emergency lighting. The Fire Marshal's Office prioritizes inspections by potential for injury or loss of life. Public assembly buildings, such as restaurants, meeting halls, and theaters, as well as public and private educational facilities, represent the greatest threat to life safety. These are followed by inspections of institutional buildings such as hospitals and correctional facilities, factory and industrial buildings, locations that store or sell extremely hazardous substances (EHS), flammable and combustible liquids or liquefied petroleum gas (LPG). The Fire Marshal's Office is also mandated by the Code of Virginia to issue permits for operations involving the transportation, storage and use of commercial explosives.

PLANS REVIEW

The Fire Marshal's office is tasked with the review of construction site plans. The objective of careful and concise building plan reviews is to identify design deficiencies that could result in operational emergency response issues once a project is completed. Plans are reviewed for fire department access, hydrant location, FDC location and other issues that affect fire department operations. Many of the design issues corrected during review are relevant to emergency vehicle access to a building or a community.

The Fire Marshal's office, in conjunction with the Building Commissioner's Office, is tasked with the review of Fire Protection System Plans. The Fire Marshal's office performs all new fire protection system acceptance testing. In 2016, 625 plan reviews were completed and 475 fire protection system tests were completed.

FIRE INVESTIGATIONS

Pursuant to \$27-31 of The Code of Virginia, all fires and explosions are mandated to be investigated for the purpose of establishing the cause. Fire and/or explosion cause determination is needed for many reasons. A fire may be set intentionally; this constitutes incendiary fires, which are crimes against the state and can result in criminal prosecution as either a misdemeanor or a felony. A fire or explosion may occur unintentionally by way of a human act or equipment malfunctions. This would be an accidental event which, through investigation, may determine the need to increase public awareness to prevent a future occurrence or to identify product deficiencies which require redesign. A fire can result by way of nature's process, such as a lightning strike in some cases. The actual combination of a fuel and a heat source near it's location can be determined. These fires are classified as undetermined. In 2016, there were 2 reported fire deaths of a citizen.

Type of Inspection	#
Inspections	3,303
• New	1,904
Reinspections	1,399
Plans Review	625
System Tests	475
Consults	938
Permits Issued	580
TOTAL	6,571

Each year there are numerous fire related incidents that occur. In 2016, 91 fire related incidents required the response of the Fire Marshal's office for an investigation. The cause determination breakdown is listed below:

Cause	#
Accidental	43
Incendiary (Intentional)	24
Undetermined	24
Natural	1
TOTAL	91



NEW HIRES

This year, the Roanoke Valley Regional Training Center held two Recruit Academies, nineteen and twenty. Roanoke Fire-EMS welcomed 26 new firefighters to our department.

Recruit School Nineteen; Cody Ayers, Henry Clee, Caleb Conner, Robert Harless, Trae Patterson, Joshua Radford, Timothy Rorrer, Jordan Weeks, Stacey Wills, and Devin Yeatts.

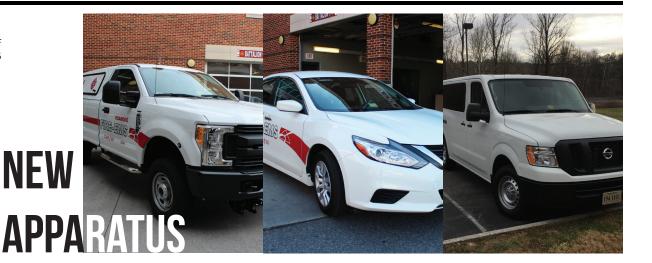
Recruit School Twenty: Matthew Bower, Zachary Coleman, Ambrose Ezeigbo, Zachary Flippen, Keith Gaines, Dewayne Gray, Ryan Hidalgo, Terry Lane, Joshua Ledford, Marvin McGinnis, Taylor Neas, Jacob Rickett, Andrew Sellers, Robert Stuart, John Webber, and Kevin Wilson.

Roanoke Fire-EMS also hired a new member to our administrative team, Mrs. Robin Muldoon.

Welcome to the Roanoke Fire-EMS family!



Fire Marshal 4
Fire Marshal 3
Training Van
Battalion 2
Ladder 2
Medic 5
Medic 6



PROMOTIONS

Roanoke Fire-EMS held promotion ceremonies for newly appointed officers. Congratulations to: Battalion Chief Marci Stone, Captain Dan Goodwin, Captain Scott Weaver, 1st Lieutenant Jason Crouch, Lieutenant Alex Helems, Lieutenant Mike Moomey, Lieutenant Zak Obenchain, and Lieutenant Mike Peay.

Congratulations on your promotion!



RETIREES

Thank you for your service to Roanoke Fire-EMS and the Roanoke Valley. We greatly appreciate all of your hard work and dedication. We wish you the best in your future endeavors!

Our retirees include: Clayton Martin, Dennis Croft, Mark Bailey, Scott Mutter, Chuck Swecker, David Bocock, & Willie Wines, Jr.





PERSONNEL

Fire-EMS Administration	
Chief/PM	David Hoback
Deputy Chief- Technical Services/PM	Billy Altman
Deputy Chief- Operations	Melvin Sanders
Batt. Chief- EMS/ Health/ Safety/PM	David Bishop
Fire Marshal	Daniel Rakes
Deputy Fire Marshal	Ronnie Campbell
Community Risk Reduction Specialist	Tiffany Bradbury
Battalion Chief- Emergency Management	Marci Stone
Support Administrator	Tami Landis
Administrative Assistant III	Jessica Wilkes
Administrative Assistant III	Robin Muldoon
Assistant Fire Marshal	Joey Pugh
Automation Coordinator	Tiffany Moran
Fire Protection Support Assistant	Kelly Tolman

Fire-EMS Training Staff		
Battalion Chief	Dale Barker	
Captain	Toby Bedwell	
1st Lieutenant/PM	Ellen Plaza	
Lieutenant/EMT-I	Trevor Shannon	
EMS Training Specialist/PM	Melissa Brock	

Battalion 1- South		
A-Shift	B-Shift	C-Shift
Battalion Chief	Battalion Chief	Battalion Chief
Perdue, R. D.	King, T.	Dewhirst, M.
RS-1 Captain	RS-1 Captain	RS-1 Captain
McSherry, T., Captain/PM	Cady Jr., J., Captain/PM	Goodwin, D., Captain/PM

Station 1 (Engine 1, Ladder 1, Medic 1, Battalion 1, RS-1)		
Decker, C. T., Captain	Cady, T., Captain	Conner, B.P., Captain
Stump, S.P., 1st Lt./PM	Crouch, J., 1st Lt./PM	Reid, R., 1st Lt.
Smith, M.A., Lt./PM	Roach, R.E., Lt./PM	Boone, S.B., Lt. /EMT-I
Vandam, J.P., Lt./EMT-I	Hodgin, J.G., Lt.	Lucas, D.M., Lt./EMT-I
Foley, A.L., Lt./PM	Foutz, N.D., Lt.	Abel, D., Lt./PM
Kincer, B.A.,FF/EMT-I	Collins, T.W., FF/PM	Wasson, B., FF/PM
Coleman, C., FF/EMT	Thompson, K.R., FF/EMT-I	Furrow, M., FF/EMT-I
Sweeney, B., FF/EMT-I	Harris, G., FF/PM	Taylor, L.R., FF/EMT
Watkins, A., FF/PM	Benson, W., FF/EMT	Waskewicz, K., FF/PM
Patterson, T., FF/EMT	Richards, J., FF/EMT	Fleming A.L., FF/EMT
Webber, J. , FF/EMT	Hidalgo, R., FF/EMT	Willis, S., FF/EMT

Station 4 (Engine 4, Medic 4)		
Thompson, L., Captain/PM	Price, J., Captain/PM	Russell, N.D., Captain
Moomey, M.P. (Mike), Lt./PM	Peay, M.A., Lt.	McKelvey, J., Lt./EMT-I
Murray, A., FF/PM	Joyner, R.W., FF/PM	Austin, J., FF/PM
East, J.C., FF/EMT-I	Pruitt, J.D., FF/PM	Smith, R.R., FF/EMT-I
Perdue, A., FF/PM	Williamson, J.R., FF/EMT-I	Slaughter, J.A., FF/EMT-I
McGinnis, M., FF/EMT	Lane, T.J., FF/PM	Gray, D., FF/EMT

Station 6 (Engine 6, Medic 6)		
Riddleberger, C., Captain/PM	Austin, A.P., Captain	Peay, J.A., Captain
Fuhrman, J.P., Lt./EMT-I	Reynolds, J.D., Lt.	Fulton, G.M., Lt.
Bailey, S., FF/EMT-I	Dinwiddie, B.D., FF/PM	Slayton, Z.S., FF/EMT-I
Moomey, M.P. (Matt), FF/EMT-I	Inman, K., FF/PM	Compton, J.D., FF/EMT-I
Curry, S., FF/EMT-I	Sosik, N., FF/PM	Dudley, K., FF/EMT-I
Creasy, L.B., FF/EMT	Metro, J., FF/EMT	Tryal, J., FF/EMT

Station 7 (Ladder 7, Medic 7)		
Early, R.L., Captain	Gherman, T., Captain	Alford, B.S., Captain
Obenchain, Z., Lt.	Sharp, C.G., Lt.	Humbert, W.E., Lt.
Troutt, A.S., FF/EMT-I	Priest, R., FF/EMT-I	Muse, D.H., FF/EMT-I
Crabb, M., FF/PM	White, C.,FF/EMT-I	Mitchell, A.G., FF/EMT-I
Rice, N., FF/EMT-I	Conner, C., FF/EMT-I	Matthiessen, P., FF/PM
Cannon, J., FF/EMT	Hetherington, S.P., FF/EMT	Webb, Shane, FF/EMT
Lee, C., FF/EMT	Voudren, E., FF/EMT	Smith, R., FF/EMT
Weeks, J., FF/EMT	Flippen, Z., FF/EMT	Unfunded

Station 8 (Engine 8, Medic 8)		
Furrow, K.L., Captain	Bennington, J.K., Captain	VanDamme, W., Captain
Noell, D.I., Lt./PM	Franklin, C., Lt.	Burrows, J.E., Lt.
Hull, J.A., FF/PM	Turner, D.D., FF/PM	Lipes, R.L., FF/EMT-I
Bolton, R., FF/EMT-I	Burnett, D.M., FF/EMT-I	Curtis, M.A., FF/EMT-I
Kogut, K., FF/EMT	Wheeler, B.A., FF/EMT-I	Phillips, R.B., FF/EMT-I
Neas, T., FF/PM	Wilson, K., FF/EMT	Sellers, A., FF/EMT

Station 11 (Engine 11)		
Branch, K., Captain	Sellers, C.S., Captain	Hurd, D.L., Captain
Songer, D.W., Lt.	Scott, B.G., Lt.	Bradford, S.E., Lt.
English, L.K., FF/EMT	Campbell, K.M., FF/EMT	Champney, C.A., FF/PM
Unfunded	Unfunded	Unfunded

Battalion 2- North		
A-Shift	B-Shift	C-Shift
Battalion Chief	Battalion Chief	Battalion Chief
Firebaugh, J.	Rorrer, D.	Adkins, T.

Station 2 (Engine 2, Ladder 2, Medic 2)		
Craft, M., Captain	Trussler, C.L., Captain	Graham, G.S., Captain
McFall, C.T., Lt./EMT-I	Berry, S.B., 1st Lt.	Arrington, J.C., 1st Lt.
Wray, D.E., Lt.	Simmons, T., Lt./EMT-I	Hudson, B.H., Lt.
Proulx, J., FF/PM	McCoy, G.A., Lt.	Kasongo, B., Lt./EMT-I
Green, H.I., FF/EMT-I	Jessee, P., FF/EMT-I	East, S.M., FF/EMT-I
Bryant, N., FF/EMT	Palmer, J.A., FF/EMT-I	White, B., FF/EMT-I
McDonald, B., FF/EMT	Kaylor, J., FF/EMT-I	Stovall, J., FF/EMT-PM
Sawyers, J., FF/EMT	Wall, N., FF/EMT	Ciaffone, G., FF/EMT
Clee, H., FF/EMT	Harris, J., FF/EMT	Yeatts, D., FF/EMT
Bowers, M., FF/EMT	Sellers, Jr., FF/EMT-I	Ledford, J., FF/EMT

Station 3 (Engine 3, Medic 3)		
Weaver, S.H., Captain	Kesterson, M.D., Captain	Wray, B.H., Captain
Fleitz, R.M., Lt.	Jordan, R.A., Lt.	O'Brien, T.C., Lt.
Wilkerson, J., FF/PM	Arrington, C.J., FF/PM	Mone, J., FF/EMT-I
Winter, R., FF/EMT-I	Rivers, J.L., FF/EMT-I	Garrito, D., FF/EMT
Parker, A., FF/EMT-I	Diver, D., FF/EMT	Boettner, T., FF/PM
Harless, B., FF/EMT	Coleman, Z., FF/EMT	Radford, J., FF/EMT-I

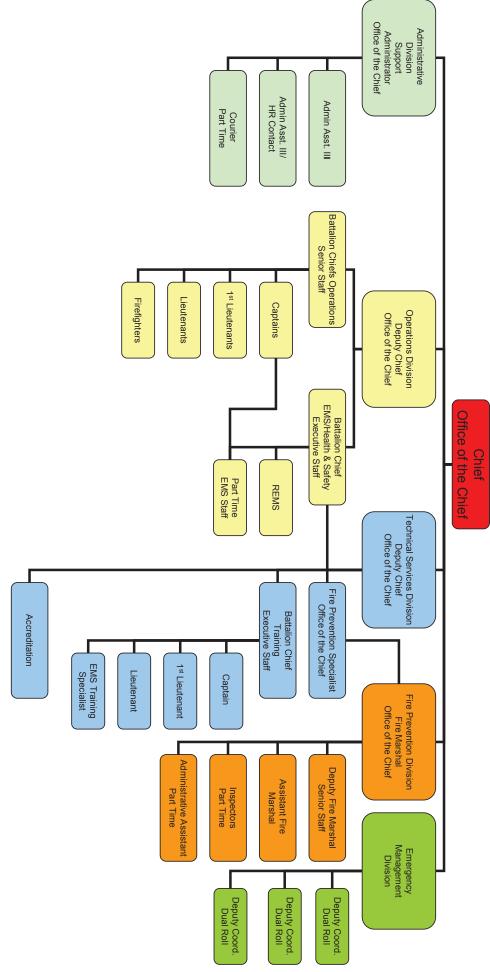
Station 5 (Engine 5, Ladder 5, Medic 5, Battalion 2)		
Weeks, K.L., Captain	Turpin, C., Captain	Stone, S.E., Captain/PM
Bradbury, K.L., Lt.	Smith, Randy, 1st Lt.	Mougin, T.J., 1st Lt.
Reighley, T., Lt./EMT-I	Murray, A., Lt./PM	Helems, A., Lt./PM
Wheeling, M.P., FF/EMT-I	Adkins, J.B., Lt.	Jenkins, M., Lt./EMT-I
Chapin, M., FF/EMT-I	Hayes, D.H., FF/PM	Meador, T.L., FF/EMT-I
Sweeney, B., FF/EMT-I	Brooks, Y., FF/EMT	Glidden, B.S., FF/EMT-I
Harrington, T.E., FF/EMT-I	Sloane, S., FF/EMT-I	Anuszkiewicz, J., FF/PM
Thomas, D., FF/EMT	Ayers, C., FF/EMT-I	Parry, J., FF/EMT-I
Gaines, K., FF/EMT	Washington, T.J., FF/EMT	Focht, J., FF/PM
Rickett, J., FF/EMT	Ezeigbo, A., FF/EMT	Stuart, R., FF/EMT

Station 13 (Engine 13)		
Flora, L.R., Captain	Vacant	Dillon, P.A., Captain
Ferguson, B.L., Lt.	Hauck, T.M., Lt.	Perdue, G.D., Lt.
Brown, T.W., FF/EMT	Reger, B., FF/EMT	Gish, J., FF/EMT
Thompson, J., FF/EMT	Matzuga, R.G., FF/EMT	Webb, Seth, FF/EMT

Station 14 (Engine 14)			
Bell, J.K., Captain	Flora, R.T., Captain	Vacant	
McFaden, S., Lt.	Johnson, P.W., Lt.	Shelton, K., Lt.	
Hodge, K.F., FF/EMT	Harris, T.S., FF/PM	Duncan, G.S., FF/EMT	
Gardner, N., 1st Lt. (FMO)	Gabelman, H.D., FF/EMT	Rorrer, T., FF/EMT	

Part Time EMS (M-101)			
Altman, K.	EMT-I		
Altman, M.	EMT-P		
Amos, J.	EMT-P		
Baker, B.	EMT-P		
Bishop, P.	EMT-B		
Breslin, D.	EMT-B		
Calhoun, C.	EMT-B		
Calhoun, J.	EMT-P		
Callis, R.	EMT-P		
Carter, C.	EMT-B		
Cromer, M.	EMT-P		
Crutchfield, L.	EMT-I		
Deebo, R.	EMT-B		
Dixon, J.	EMT-P		
Francisco, J.	EMT-P		
Fuquay, B.	EMT-B		
Helmick, A.	EMT-B		
Jennings,R.	EMT-P		
King, C.	EMT-P		
Kirk, J.	EMT-I		
McGraw, C.	EMT-P		
Mitchell, C.	EMT-P		
Oliviera, L.	EMT-B		
Patterson, C.	EMT-B		
Price, C.	EMT-P		
Reed, B.	EMT-P		
Retel, T.	EMT-B		
Selph, D.	EMT-B		
Sotelo, M.	EMT-B		
Swannerbury, C.	EMT-B		
Thomas, D.	EMT-I		
Wendland, A.	EMT-P		
White, S.	EMT-B		
Zollman, E.	EMT-P		

	Part Time Prevention	
Cornett, D.		
Franklin, G.		
George, L.		
Spaulding, M.		
Parry, T.		
Gardner, C.		
Stillwell, D.		
Sexton, D.		
Smith, A.		
Rickman, T.		
Perdue, K.		



STATIONS



Station 7 1742 Memorial Ave., SW Roanoke, VA 24015 Built in 1922



Station 1/ Administration 704 Franklin Rd., SW Roanoke, VA 24011 Built in 2006



Station 8 2328 Crystal Springs Ave., SW Roanoke, VA 24014 Built in 1928



Station 2 55 Noble Ave., NE Roanoke, VA 24012 Built in 1950



Station 11 1502 Riverland Rd., SE Roanoke, VA 24013 Built in 1964



Station 3 4803 Williamson Rd. Roanoke, VA 24012 Built in 2008



Station 13 4330 Appleton Ave., NW Roanoke, VA 24017 Built in 1978



Station 4 3763 Peters Creek Rd., SW Roanoke, VA 24013 Built in 1999



Station 14 1061 Mecca St., NE Roanoke, VA 24012 Built in 1994



Station 5 1920 Orange Av., NW Roanoke, VA 24017 Built in 2010



Roanoke Valley Regional Fire-EMS Training Center 1220 Kesler Mill Rd. Salem, VA 24153 Built in 2000



Station 6 1333 Jamison Ave., SE Roanoke, VA 24013 Built in 1979



Roanoke Emergency Medical Service 374 Day Ave., SW Roanoke, VA 24016 Built in 1955



N LOVING MEMORY

On Friday, June 3rd, Roanoke Fire-EMS lost one of our own. Retired Deputy Chief Jeff Beckner passed away at his home at the age of 57. Beckner worked for our department for over 30 years before retiring and becoming the Chief of Botetourt County Fire & Rescue. He was known for his strong leadership skills, hands on style and infectious smile. He never met a stranger and was loved by everyone. Jeff will forever be missed by our department and his family – Julie, Zach and Kara. Rest easy brother, we will take it from here.

RETIRED DEPUTY CHIEF JEFF BECKNER







Pg. 26



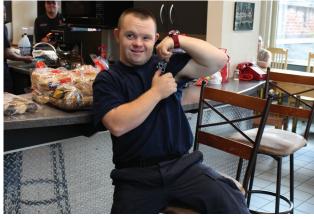






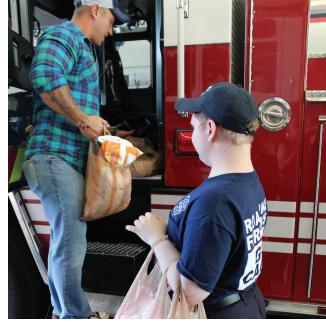












2016





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